SPYWOLF

Security Audit Report

TINY TESLA

Completed on
June 26, 2022

OVERVIEW

This audit has been prepared for **Tiny Tesla** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✔ Contract's source code
- ✔ Owners' wallets
- ✔ Tokenomics
- ✔ Team transparency and goals
- ✔ Website's age, code, security and UX
- ✔ Whitepaper and roadmap
- ✔ Social media & online presence

" The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal "

– SPYWOLF Team –

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Tiny Tesla

PROJECT DESCRIPTION

According to their whitepaper:

Tiny Tesla project is developing an NFT Marketplace where you can list, buy and sell NFT's using the native $TINT token.

This NFT marketplace will also allow for NFT farming where NFT's can be staked for a return in $TINT.

NFT Creators can earn creator royalties on trades in Tiny T Swap.

Future developments of the project:

- NFT marketplace
- Launchpad
- Lottery

Release Date: Presale starts on June, 2022

Category: NFT

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CONTRACT INFO

Token Name
TinyTesla

Symbol
TINT

Contract Address
0x527aD1d5BCEE13a2952d1832b18011649A78266b

Network
Binance Smart Chain

Language
Solidity

Deployment Date
June 16, 2022

Verified?
Yes

Total Supply
1,000,000,000,000,000

Status
Not launched

TAXES

Buy Tax
9%

Sell Tax
9%

*Taxes can be changed in the future

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

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CURRENT STATS

(As of June 26, 2022)

Liquidity

Not added yet

Burn

No burnt tokens

Status:
Not Launched!

MaxSellTxAmount
10,000,000,000,000

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet

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TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	1000000000000000 TINT
Median Transfer Amount	1000000000000000 TINT
Average Transfer Amount	1000000000000000 TINT
First transfer date	2022-06-16
Last transfer date	2022-06-16
Days token transferred	1

SMART CONTRACT STATS

Calls Count	2
External calls	2
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	Jun-16-2022 02:02:11 PM +UTC
Created	Jun-16-2022 01:41:34 PM +UTC
Create TX	0x8de90b0af1524152dd9184300f42a83bf2f9c101fa50673fcd4b11332c78d804
Creator	0xa6c6e82f589752e8c42e188e7c91cac65a575ae5

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FEATURED WALLETS

Owner address	0xa6c6e82f589752e8c42e188e7c91cac65a575ae5
Dev address	0x68a6b995ec579ba6c49e7174452e28431ab59cc2
Treasury address	Same as owner
Waddress	Same as owner
LP address	**Liquidity not added yet**

TOP 3 UNLOCKED WALLETS

1

100% Same as owner

*Tokens are not distributed yet

VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed

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THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

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FOUND THREATS

⚠️ High Risk

Owner can set buy/sell fees up to 100%.

```
function setBuyFees(
uint8 _rfi,uint8 _treasury,uint8 _dev,uint8 _lp
) external onlyOwner {
    buyRates.rfi = _rfi;
    buyRates.treasury = _treasury;
    buyRates.dev = _dev;
    buyRates.lp = _lp;
    buyRates.toSwap = _treasury + _dev + _lp;
}

function setSellFees(
uint8 _rfi,uint8 _treasury,
uint8 _dev,uint8 _lp
) external onlyOwner {
    sellRates.rfi = _rfi;
    sellRates.treasury = _treasury;
    sellRates.dev = _dev;
    sellRates.lp = _lp;
    sellRates.toSwap = _treasury + _dev + _lp;
}
```

- Recommendation:
  - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%

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FOUND THREATS

⚠️ High Risk

Owner can set change max transaction limit, making it impossible to sell if set to high number.

```
function setMaxTransactionAmount(
    uint256 _maxTxAmountBuyPct,
    uint256 _maxTxAmountSellPct
) external onlyOwner {
    maxTxAmountBuy = _tTotal / _maxTxAmountBuyPct; // 100 = 1%, 50 = 2% etc.
    maxTxAmountSell = _tTotal / _maxTxAmountSellPct; // 100 = 1%, 50 = 2% etc.
}
```

Owner can blacklist address from trading, making it impossible to sell.

```
function blacklistSniper(address botAddress, bool isban) external onlyOwner {
    isBot[botAddress] = isban;
}
```

- Recommendation:
    - Considered as good transaction limitations practice is that max amount transferred per transaction not be below 0.1% of total supply.

FOUND THREATS

⚠️ High Risk

Owner can change autoswap settings, making it impossible to sell if swapAndLiquifyEnabled set to true and numTokensSellToAddToLiquidity is set to 0.
Trading also fails if numTokensSellToAddToLiquidity is lower than fee tokens already accumulated in the contract and when the LP sell fee is set to 0, if LP fee is above 0 selling succeeds.

```
function setSwapAndLiquifyEnabled(bool _enabled) public onlyOwner {
    swapAndLiquifyEnabled = _enabled;
    emit SwapAndLiquifyEnabledUpdated(_enabled);
}

function setNumTokensSellToAddToLiq(uint256 amountTokens)
    external
    onlyOwner
{
    numTokensSellToAddToLiquidity = amountTokens * 10**_decimals;
}
```

08-C

⚠️ Low Risk

Owner can withdraw tokens from the contract (accumulated fees and other tokens).

```
function rescueBNB(uint256 weiAmount) external onlyOwner{
    require(address(this).balance >= weiAmount, "insufficient BNB balance");
    treasuryAddress.sendValue(weiAmount);
}

function rescueAnyBEP20Tokens(address _tokenAddr, address _to, uint _amount) public onlyOwner {
    IERC20(_tokenAddr).transfer(_to, _amount);
}
```

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RECOMMENDATIONS FOR

GOOD PRACTICES

1. Consider fundamental tradeoffs

2. Be attentive to blockchain properties

3. Ensure careful rollouts

4. Keep contracts simple

5. Stay up to date and track development
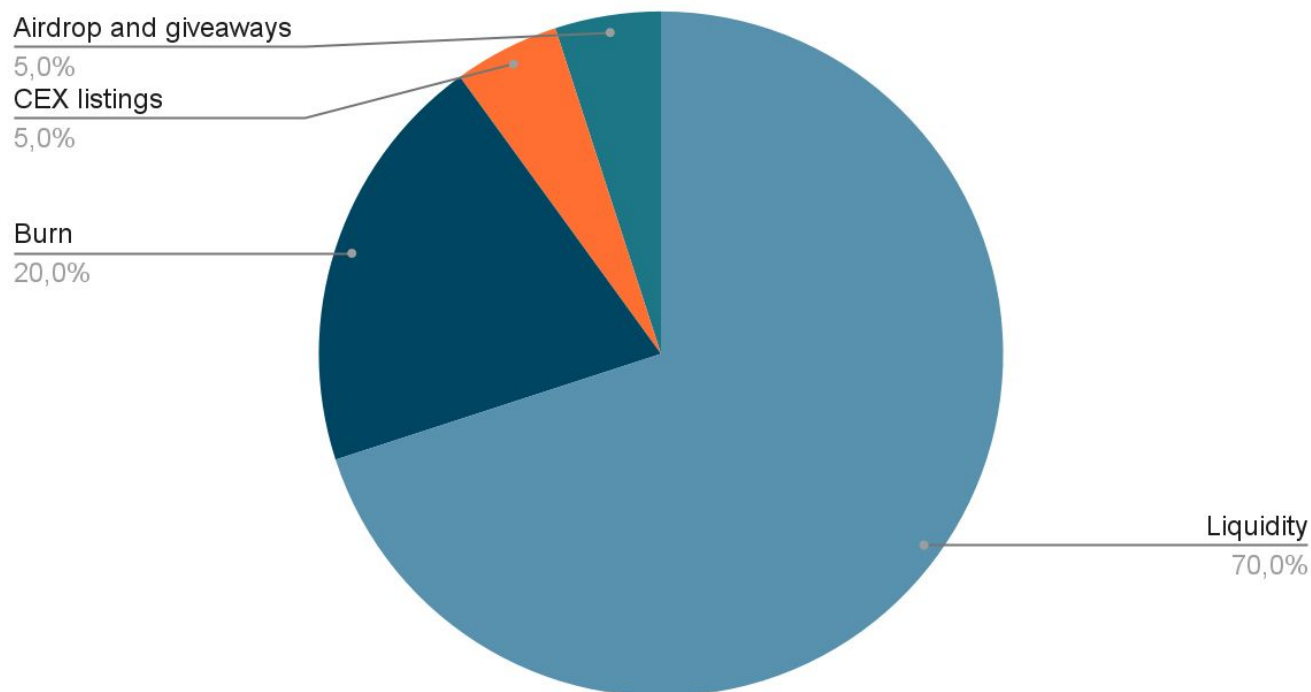
Tiny Tesla

GOOD PRACTICES FOUND

✔ The owner cannot mint new tokens after deployment

*The following tokenomics are based on the project's whitepaper and/or website:

- 70% - Liquidity
- 20% - Burned
- 5% - CEX listings
- 5% - Airdrop and giveaways

Tokens distribution

Airdrop and giveaways
5,0%
CEX listings
5,0%

Burn
20,0%

Liquidity
70,0%

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THE TEAM

KYC INFORMATION

⚠️ No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.

KYC
CERTIFICAT

ISSUED ON
MAY 31, 2022

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Website URL
https://www.tinytesla.co/

Domain Registry
http://www.namecheap.com

Domain Expiration
Expires on 2023-06-03

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page, template design, appropriate color scheme.

Content
The information helps new investors understand what the product does right away. No grammar errors found.
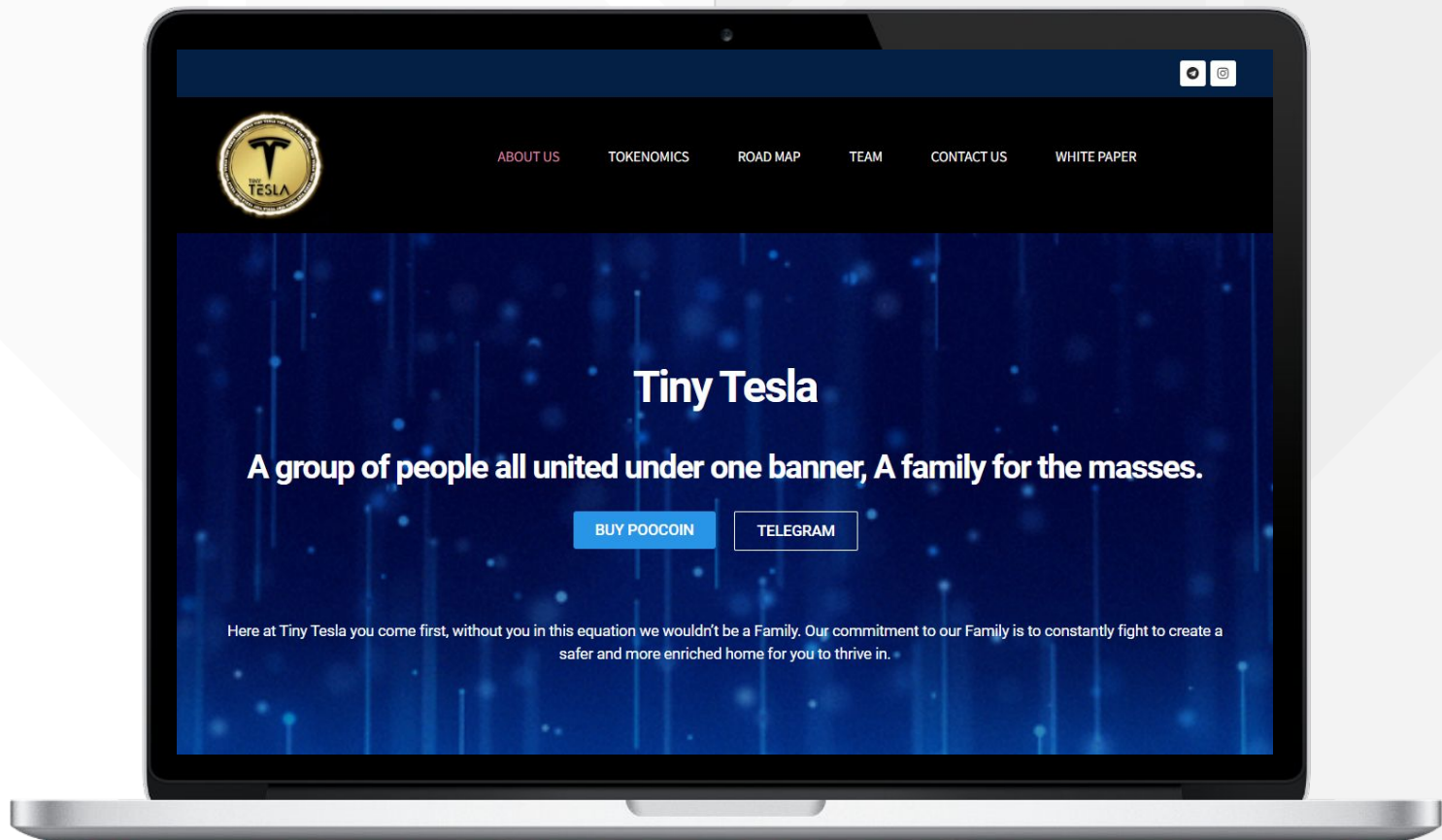
Whitepaper
Well written, explanatory.

Roadmap
Yes, goals set at 5 phases without time frames

Mobile-friendly?
Yes

ABOUT US   TOKENOMICS   ROAD MAP   TEAM   CONTACT US   WHITE PAPER

Tiny Tesla

A group of people all united under one banner, A family for the masses.

BUY POOCOIN   TELEGRAM

Here at Tiny Tesla you come first, without you in this equation we wouldn't be a Family. Our commitment to our Family is to constantly fight to create a safer and more enriched home for you to thrive in.

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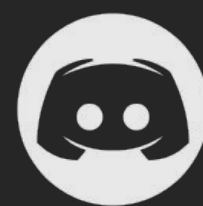# SOCIAL MEDIA
& ONLINE PRESENCE

Project's social media presence is relatively new (few days old). The mods are active, but there are few organic interactions yet.

Twitter

@tinyteslaoffic1

- 12 followers
- Active
- New account, 3 posts in total

Discord

- Not available

Telegram

@TinyTeslaofficial

- 950 members
- Active mods
- Few organic interactions

Medium

- Not available

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CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.